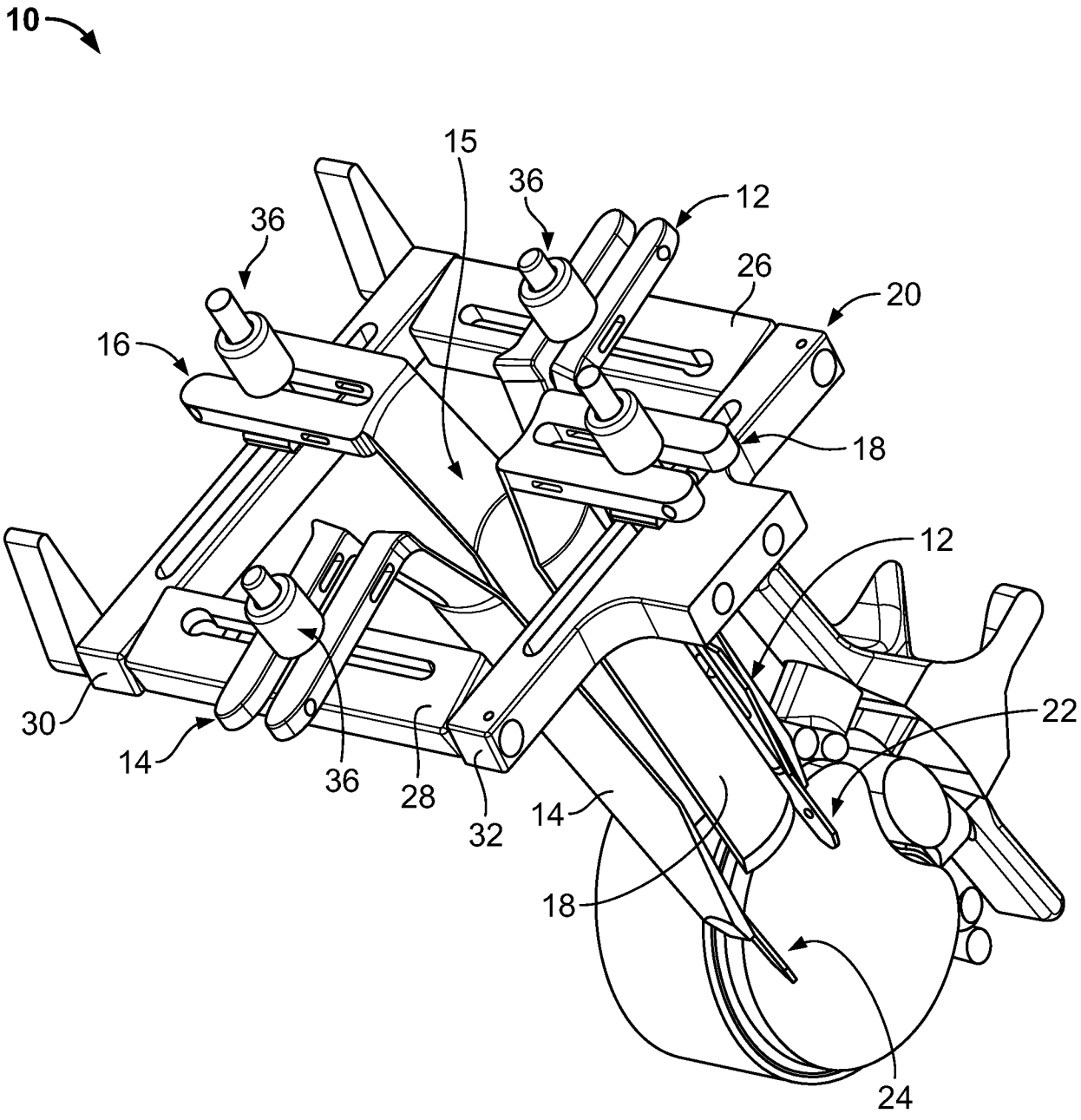


FIG. 1

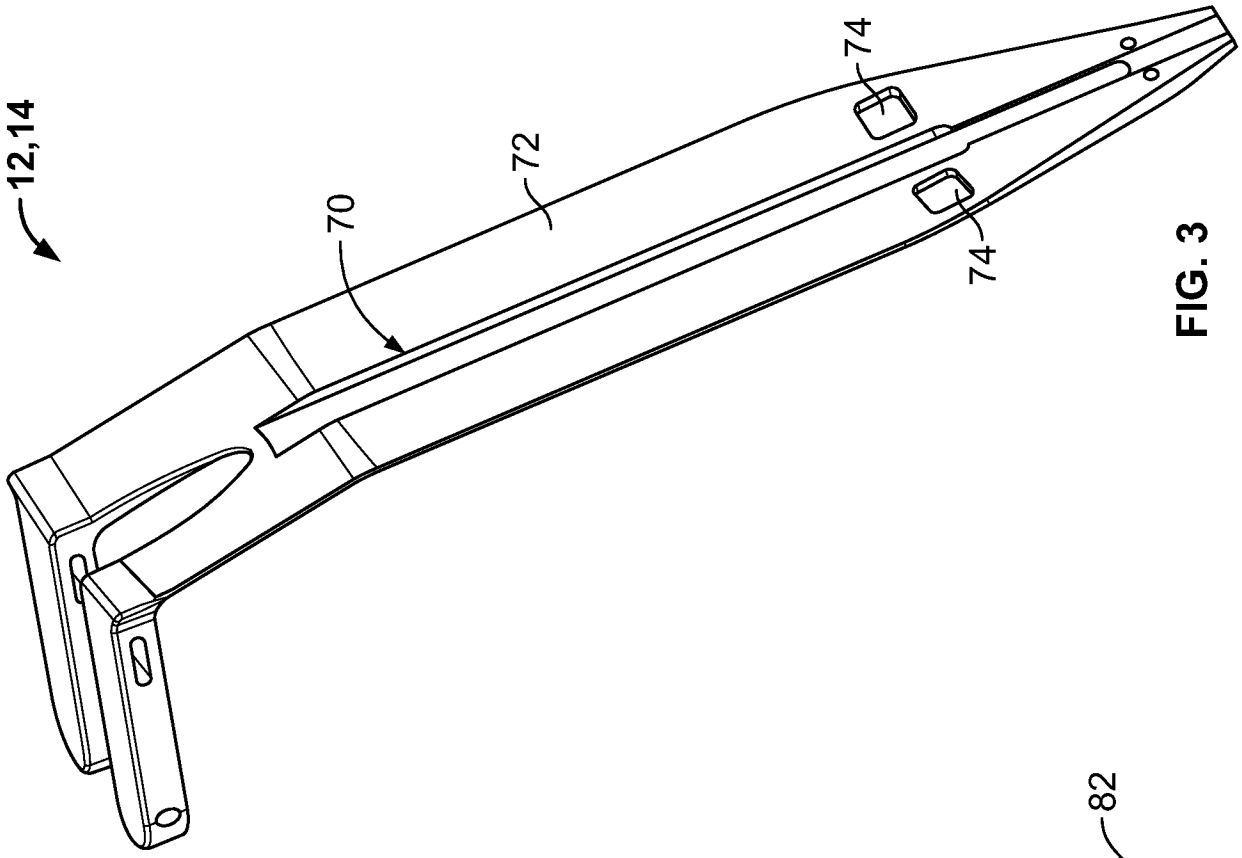
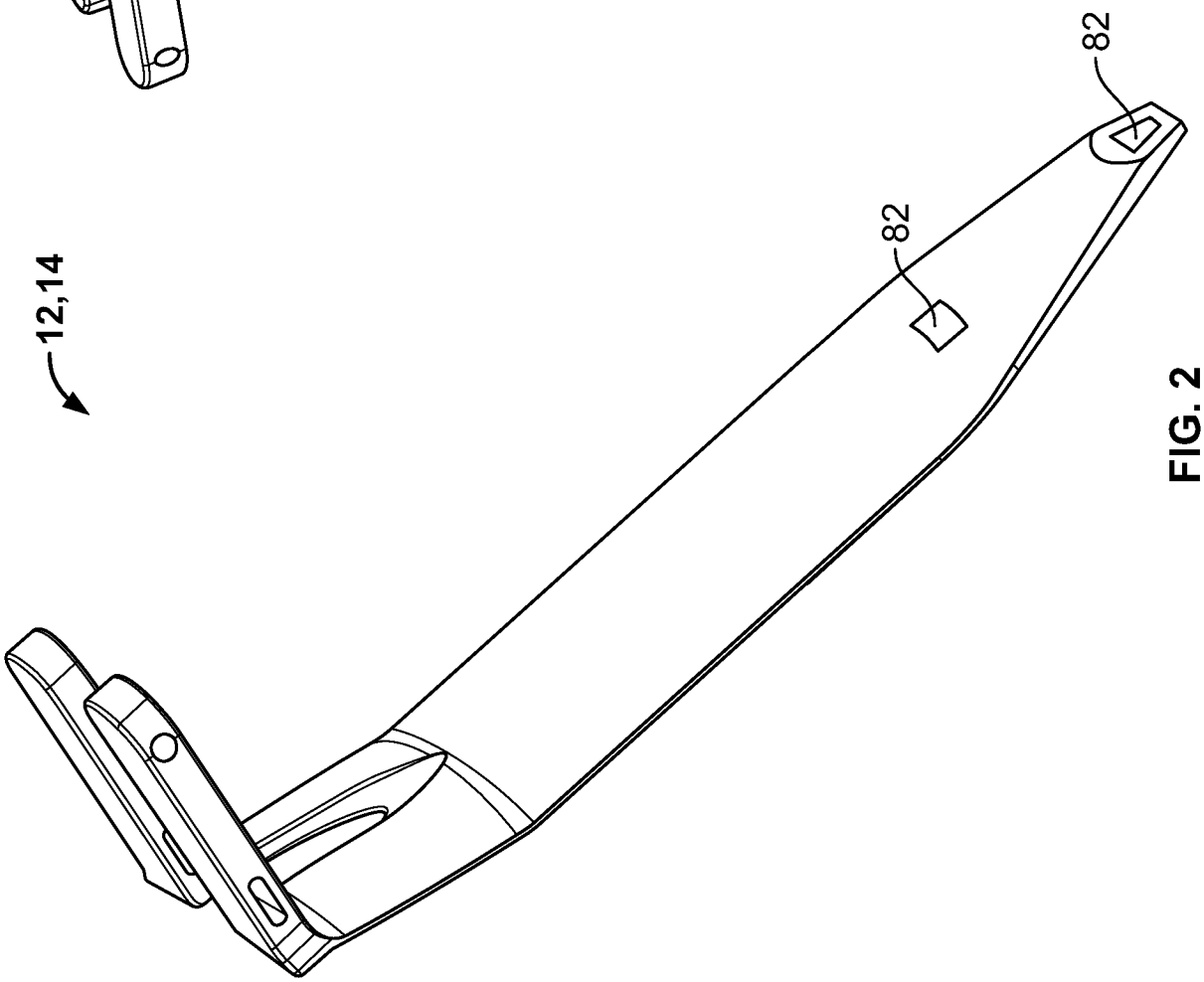


FIG. 3



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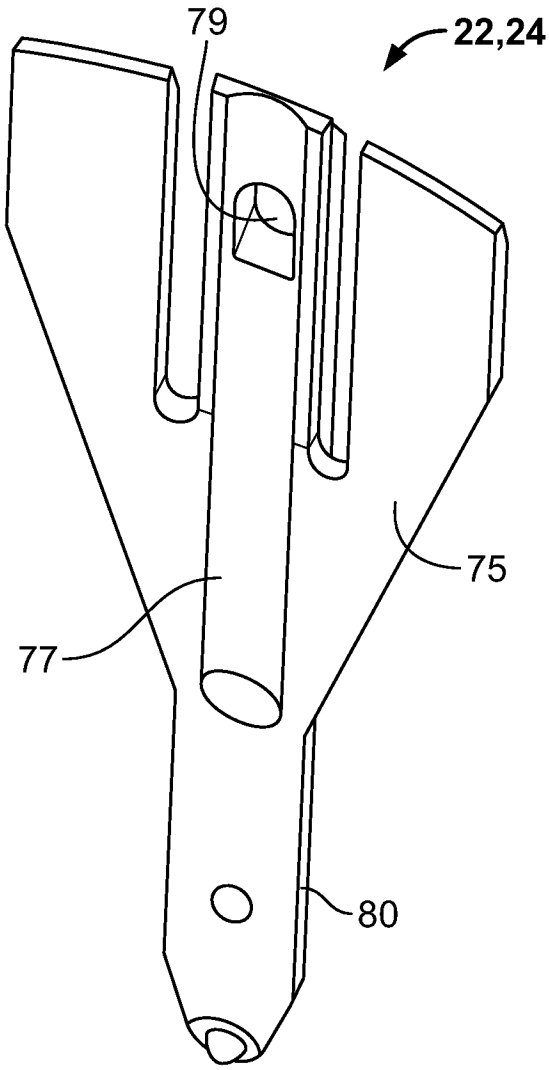


FIG. 4

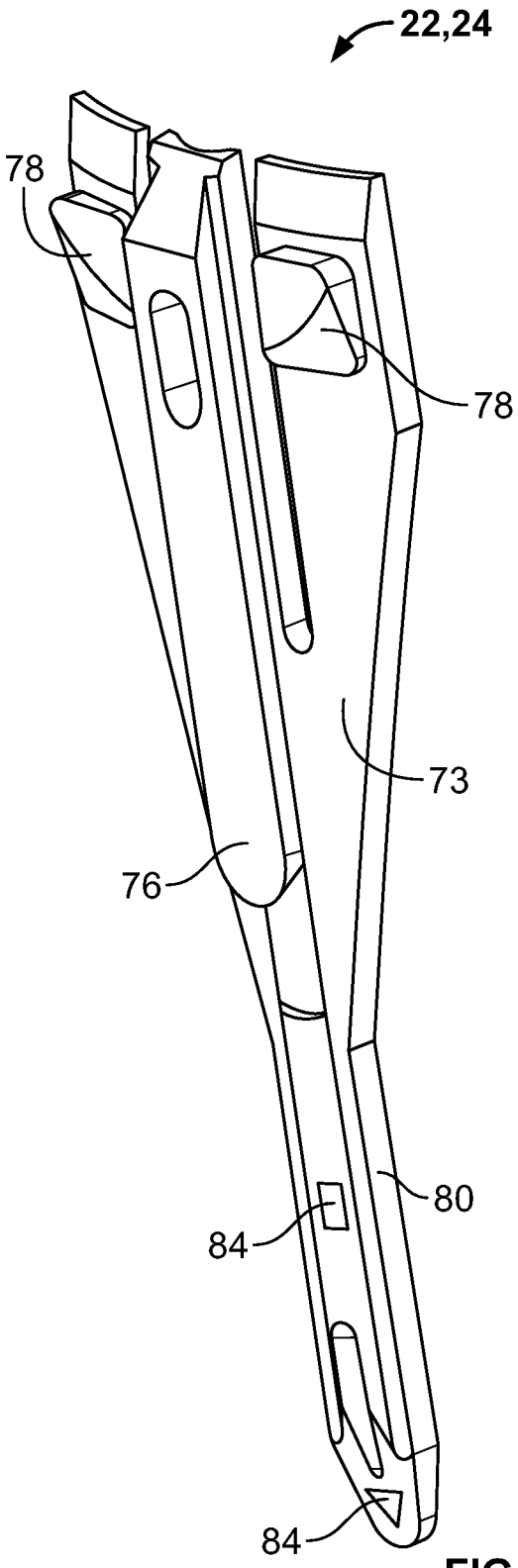


FIG. 5

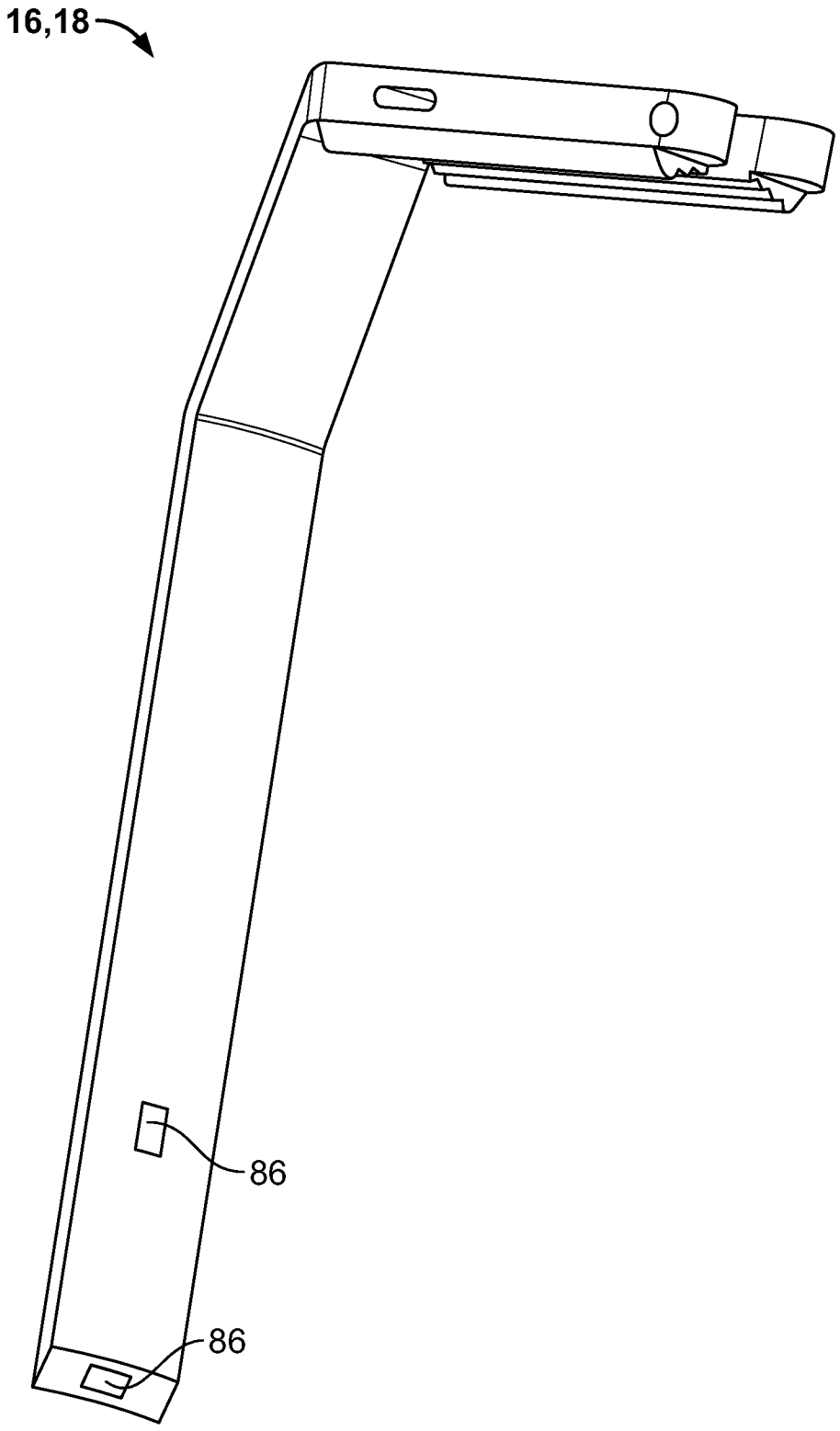


FIG. 6

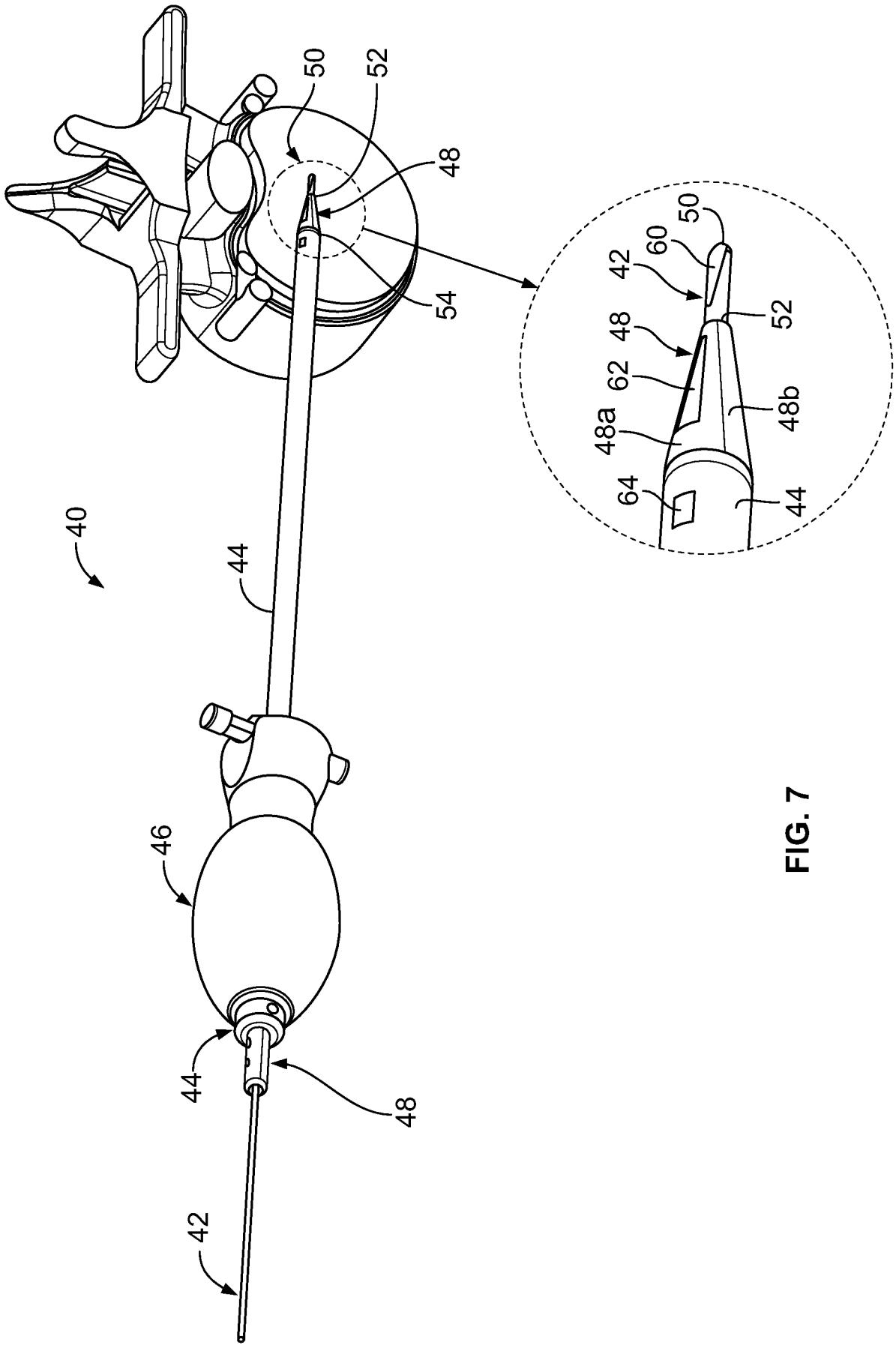


FIG. 7

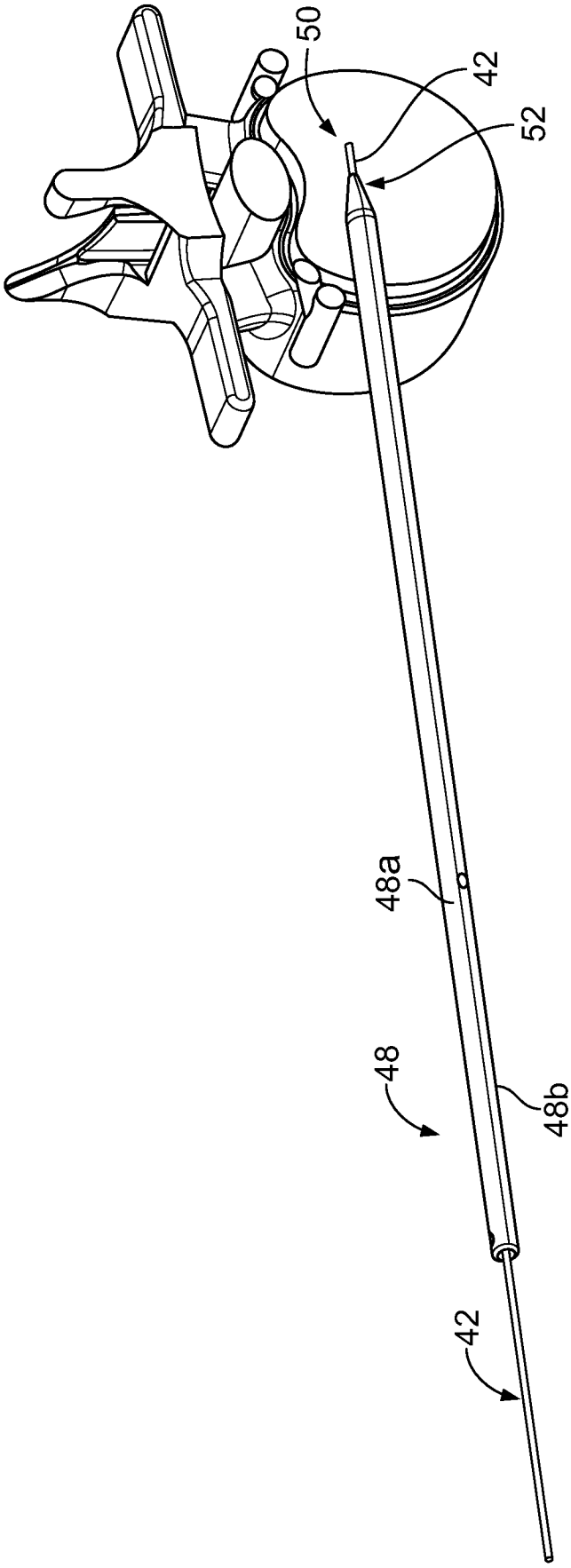


FIG. 8

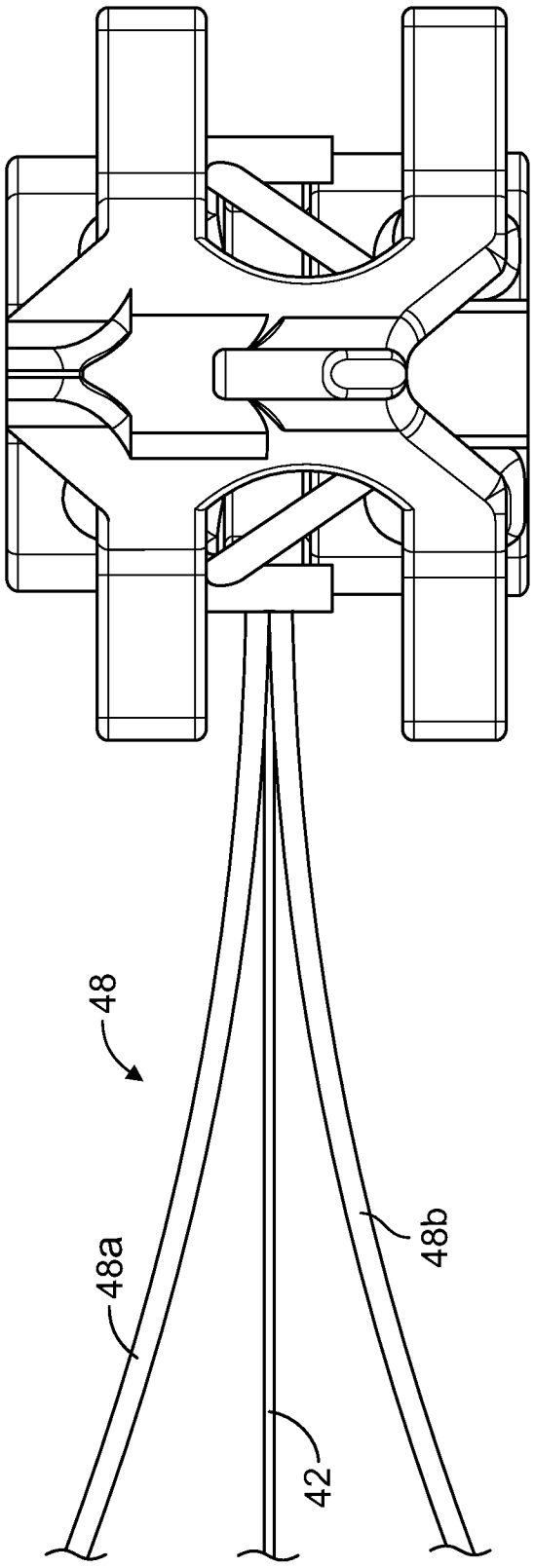


FIG. 9

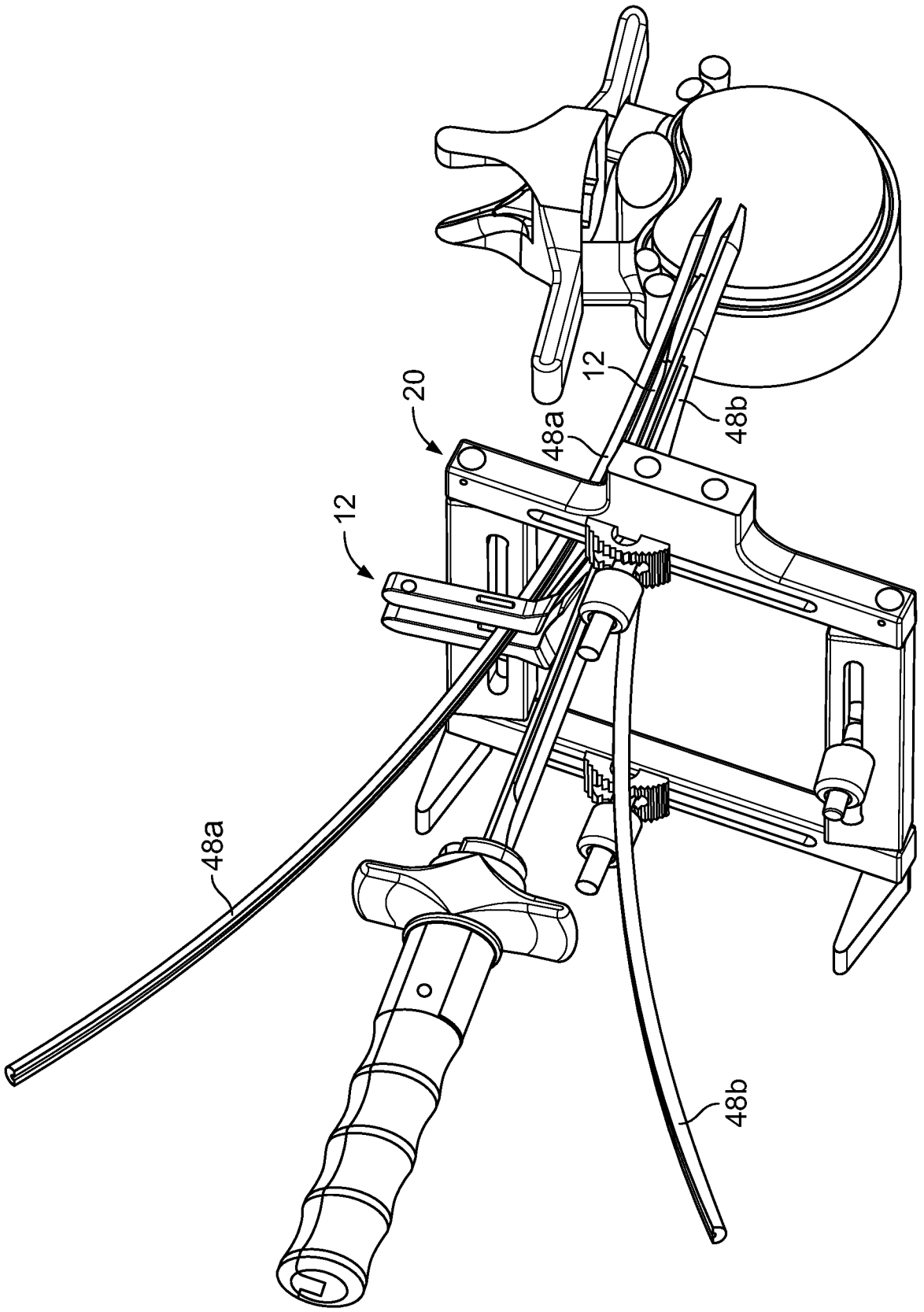


FIG. 10

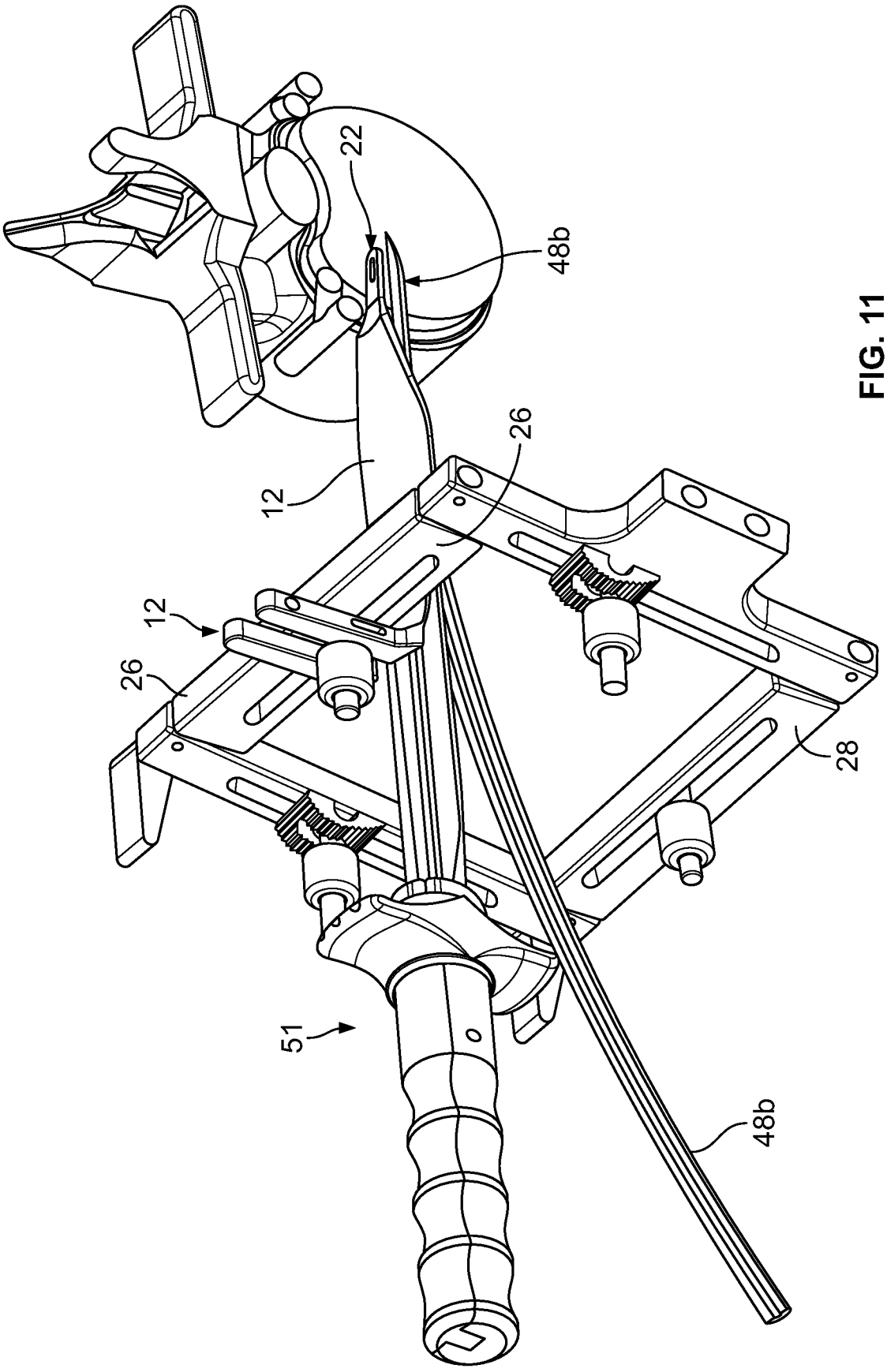


FIG. 11

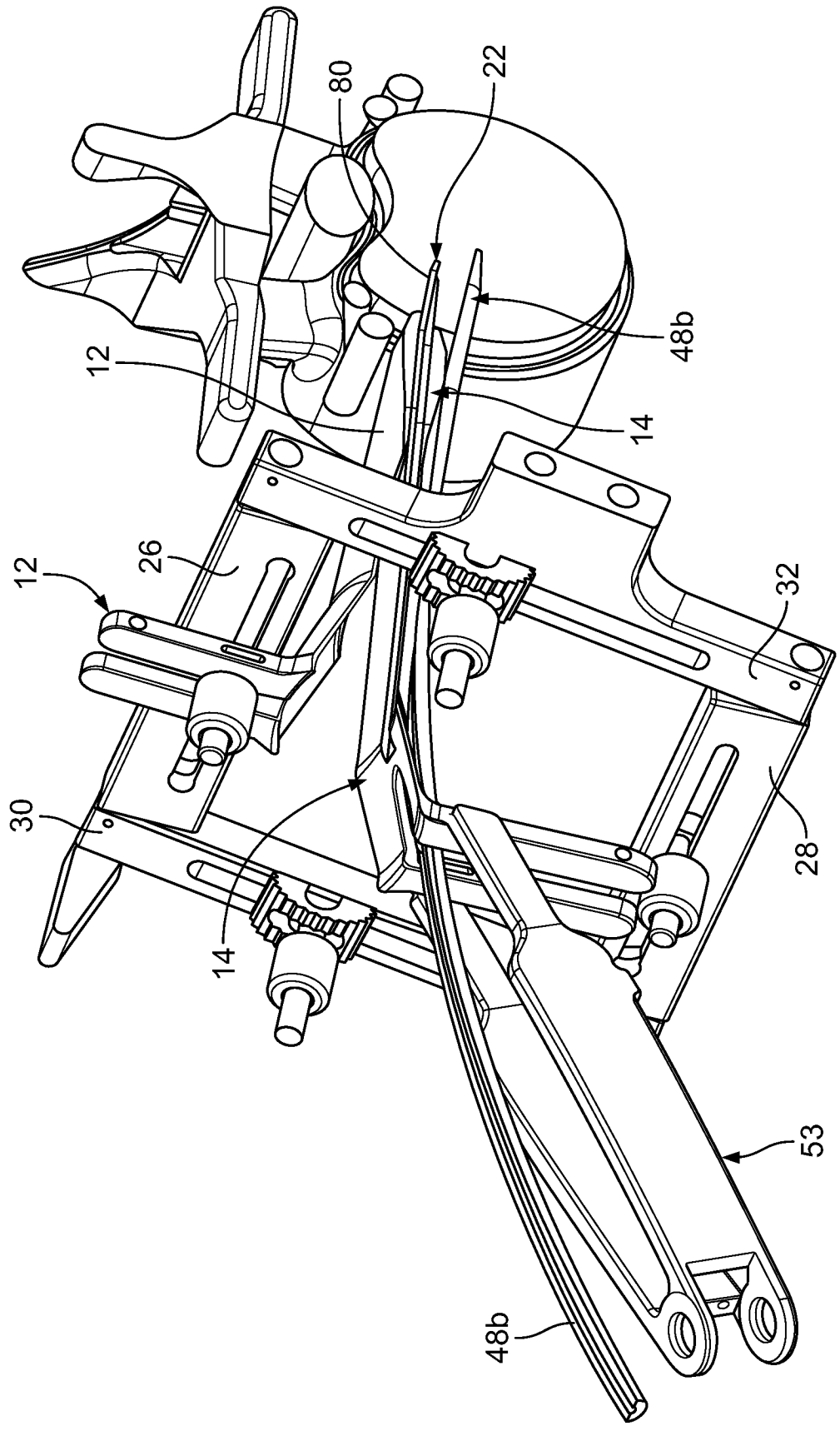


FIG. 12

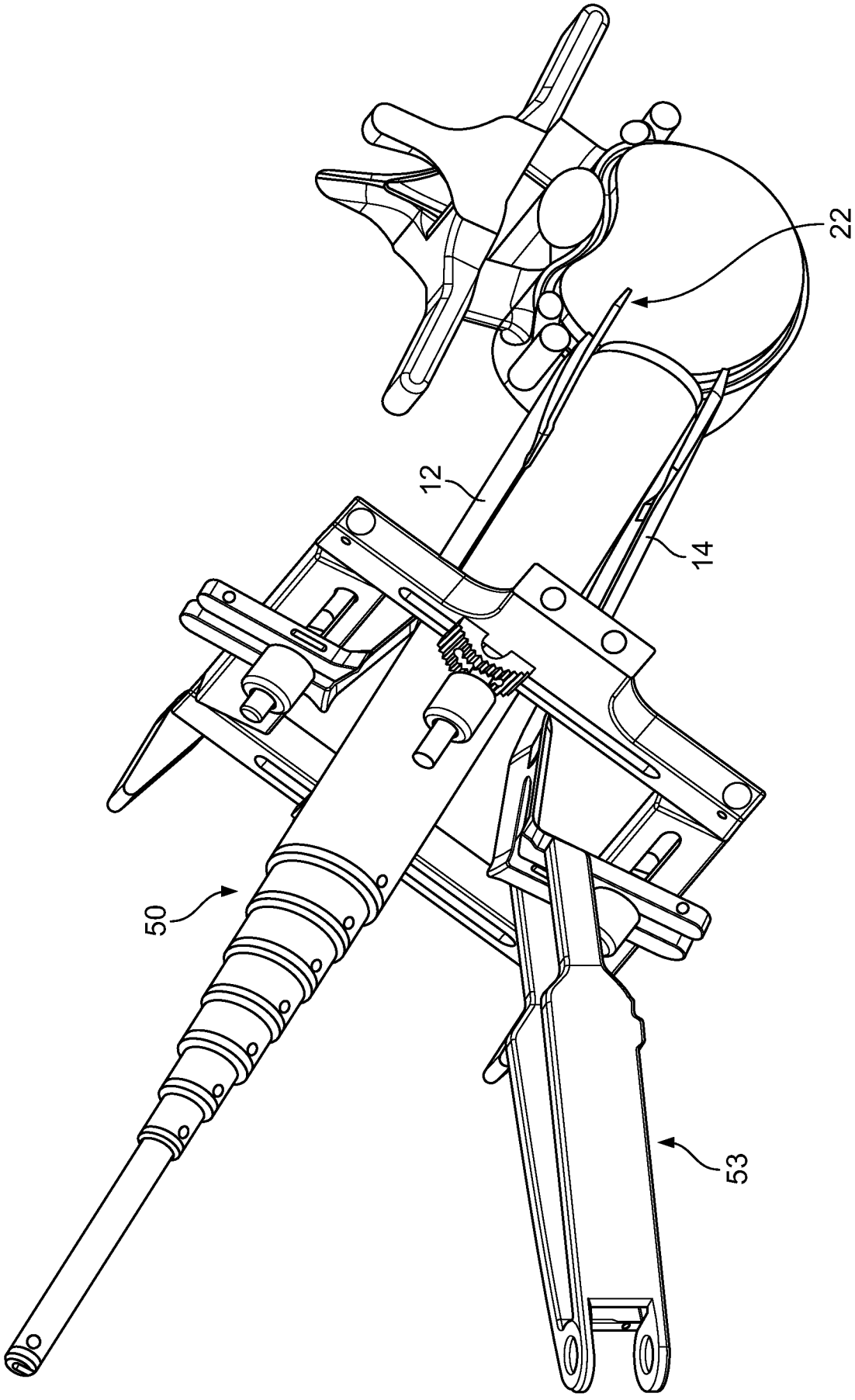


FIG. 13

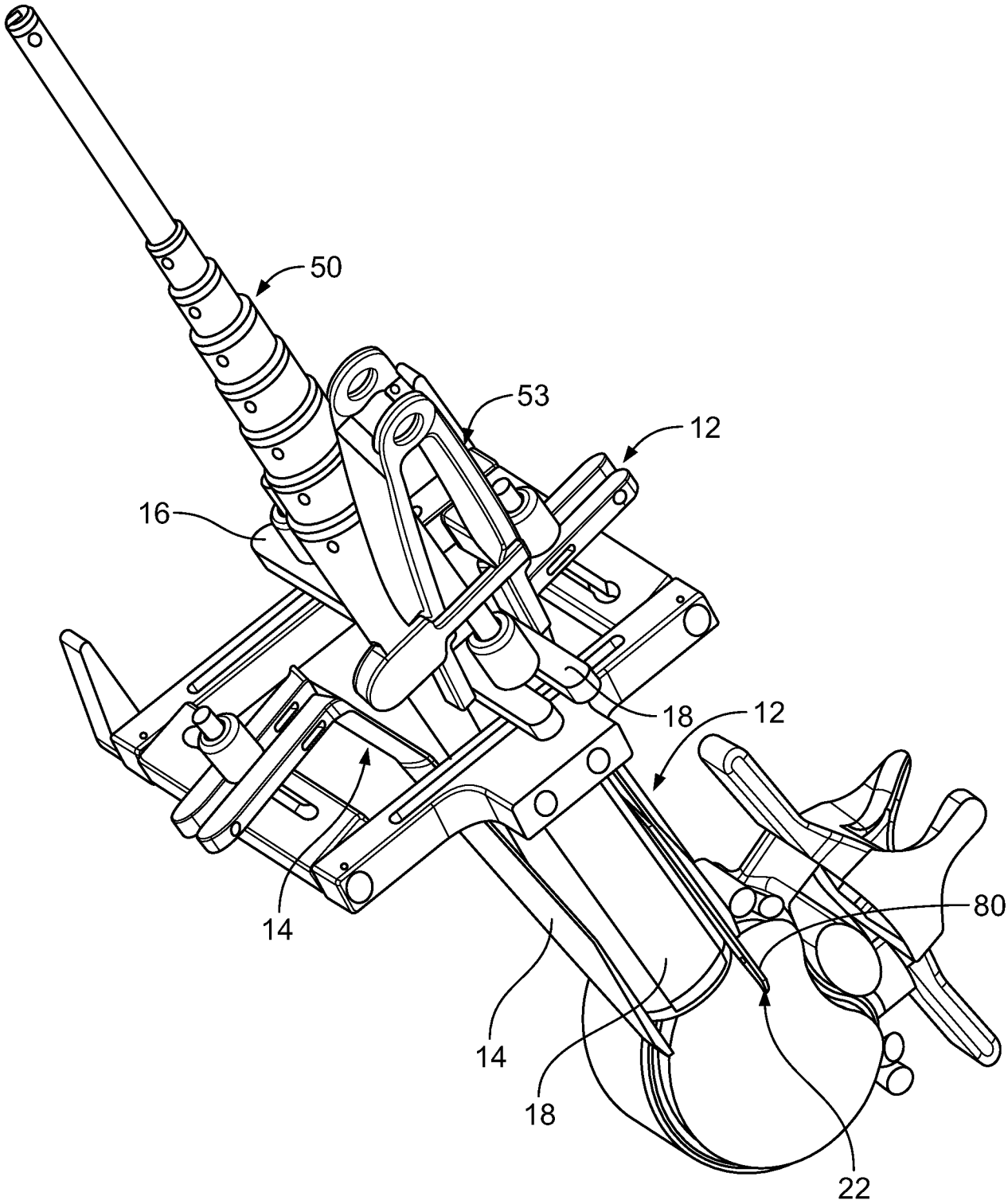


FIG. 14

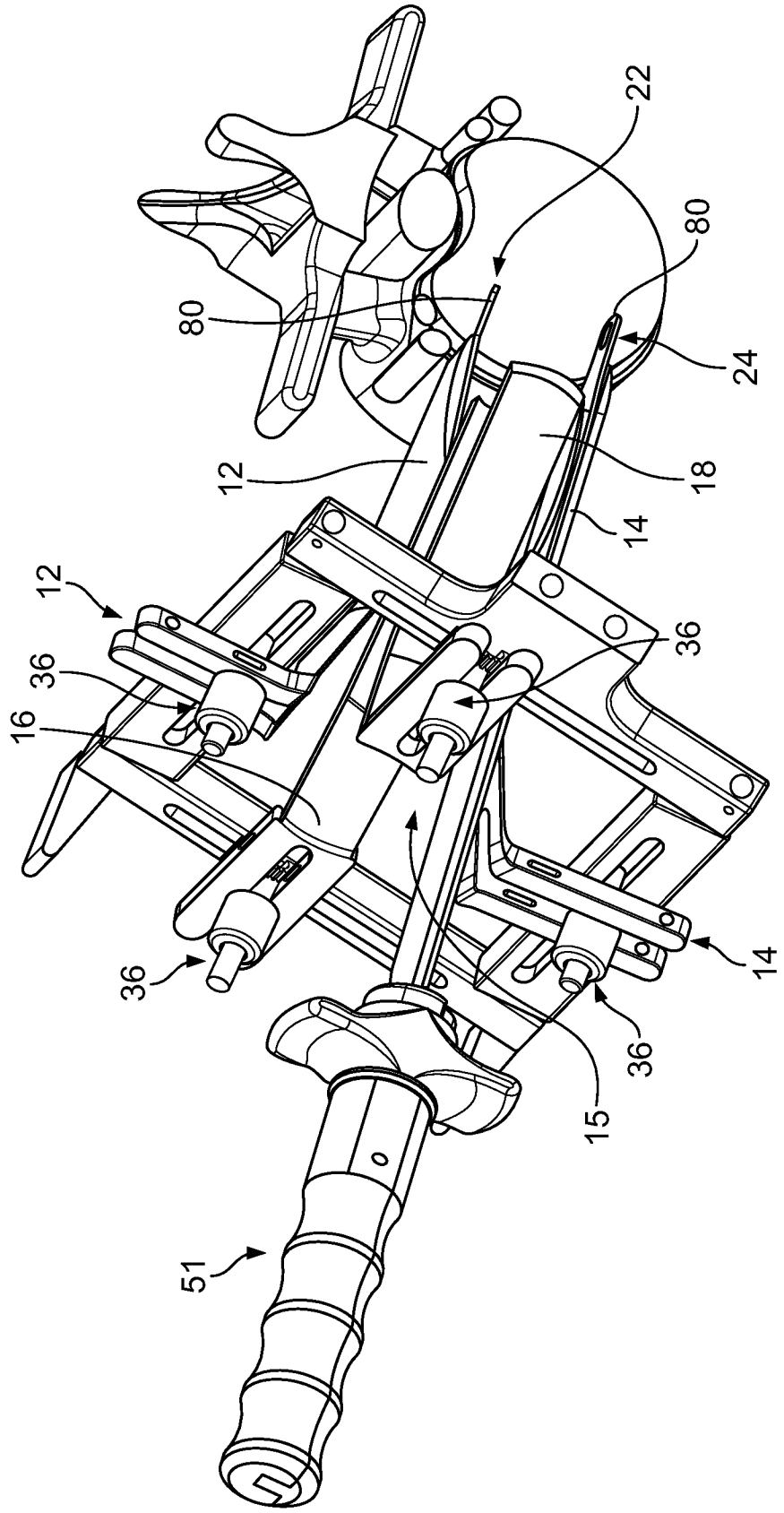
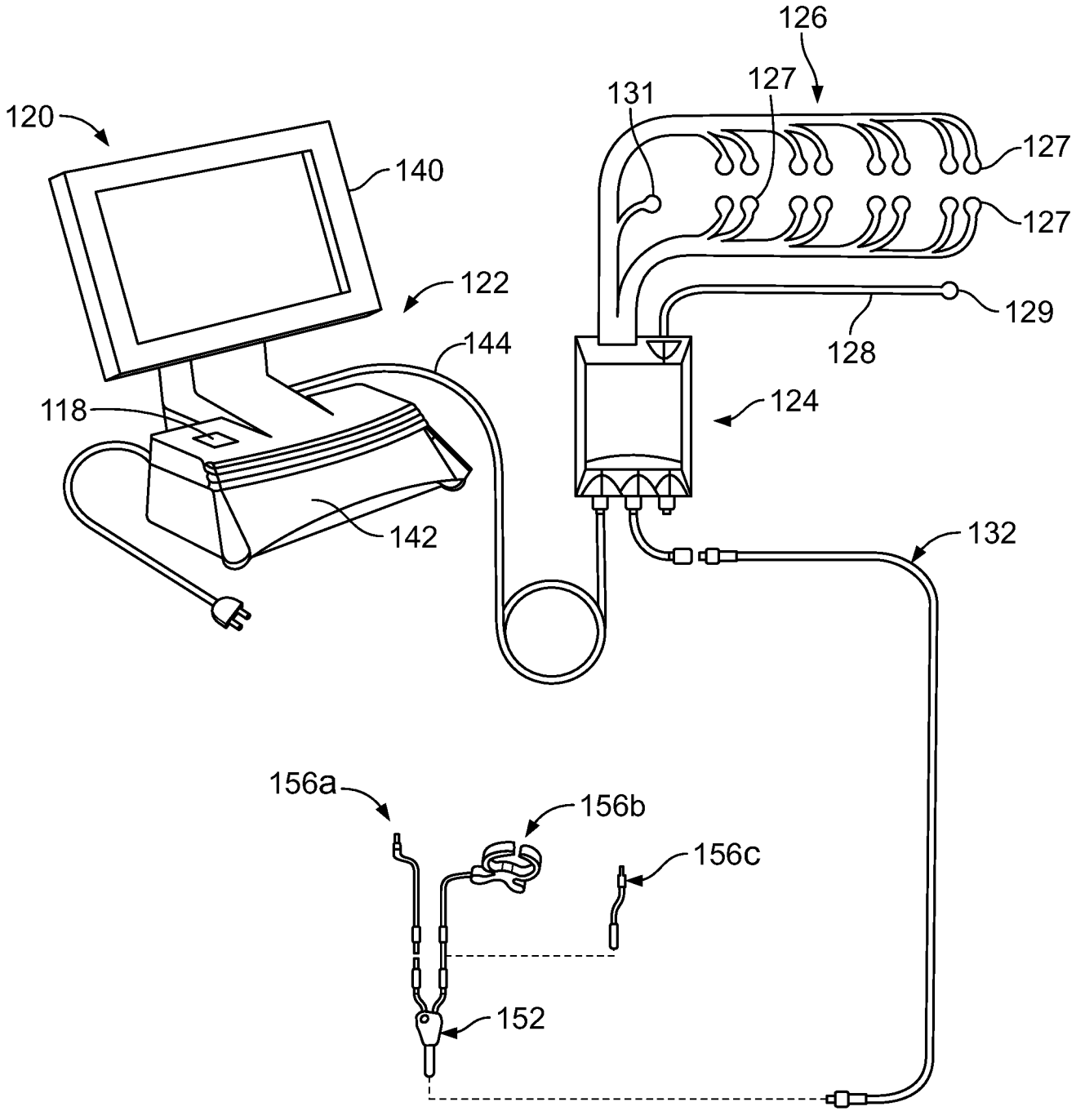


FIG. 15


126
127
131
120
140
127
127
122
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144
128
118
124
142
132
156a
156b
156c
152

FIG. 16

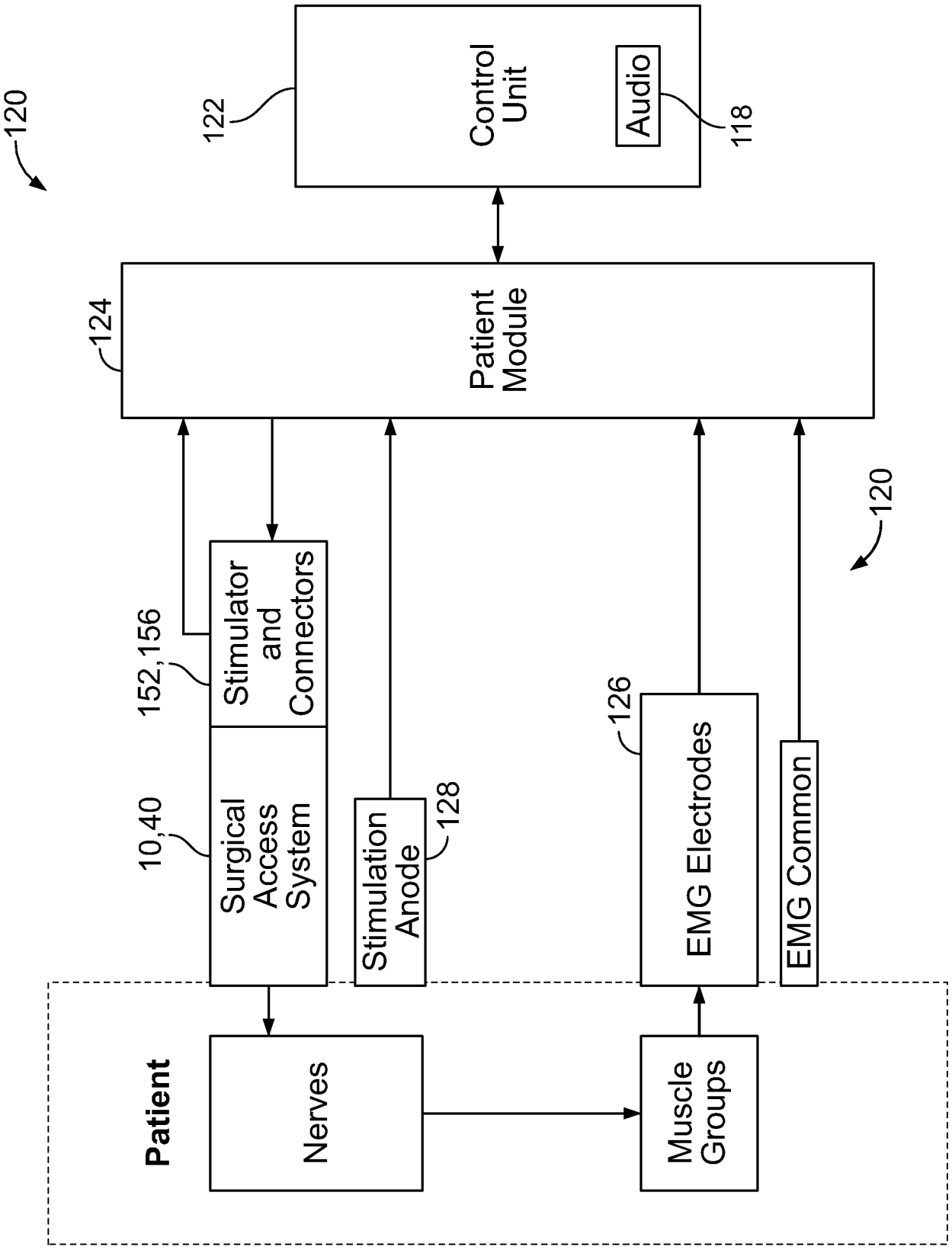
120
122
Control Unit
Audio
118
124
Patient Module
120
152,156
Stimulator and Connectors
10,40
Surgical Access System
Stimulation Anode
128
126
EMG Electrodes
EMG Common
Patient
Nerves
Muscle Groups

FIG. 17

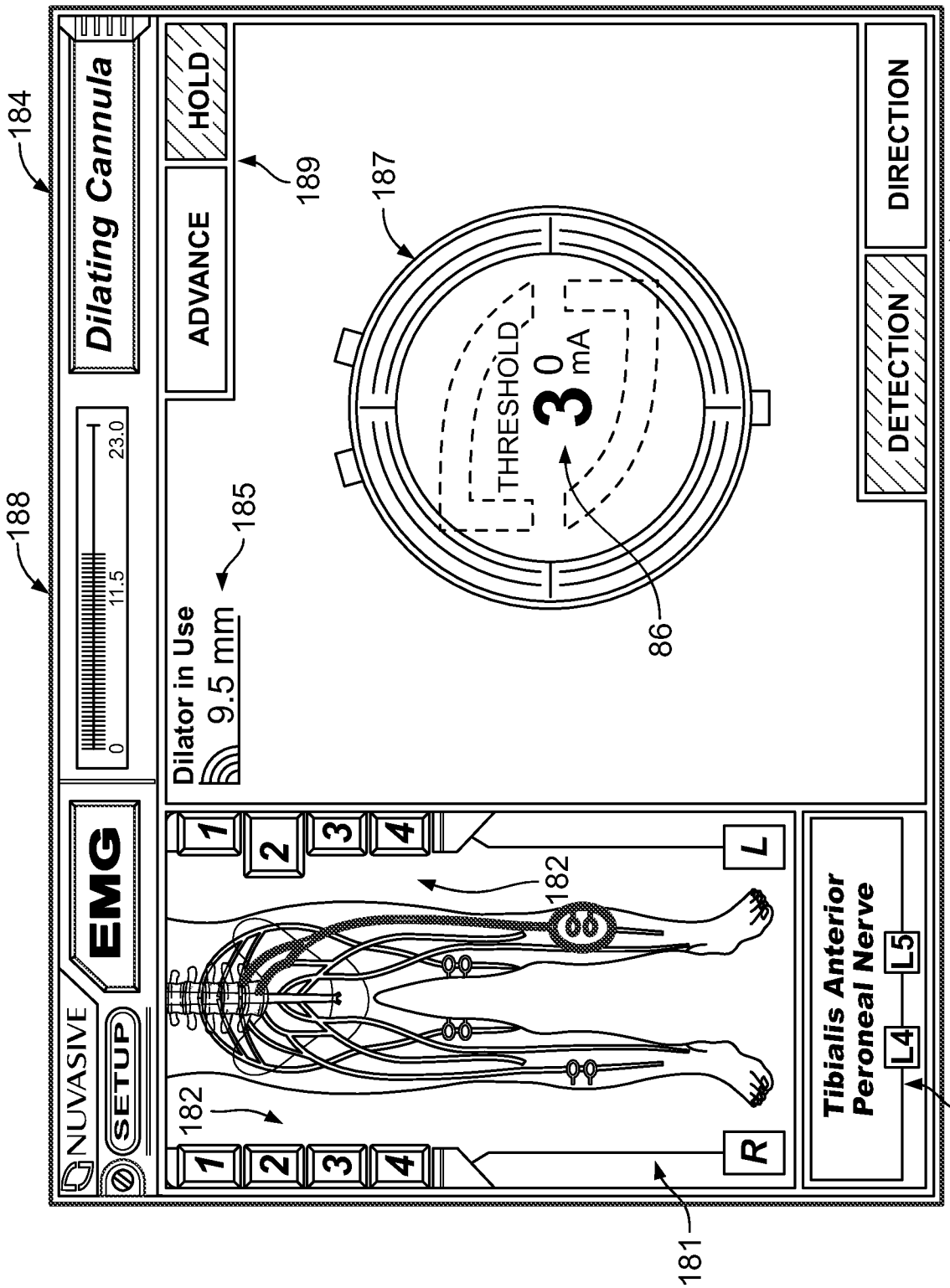
184
188
NUVASIVE
SETUP
EMG
Dilating Cannula
0
11.5
23.0
ADVANCE
HOLD
189
187
Dilator in Use
9.5 mm
185
THRESHOLD
3.0 mA
86
DETECTION
DIRECTION
180
1
2
3
4
182
L
R
182
181
Tibialis Anterior
Peroneal Nerve
L4
L5
183

FIG. 18

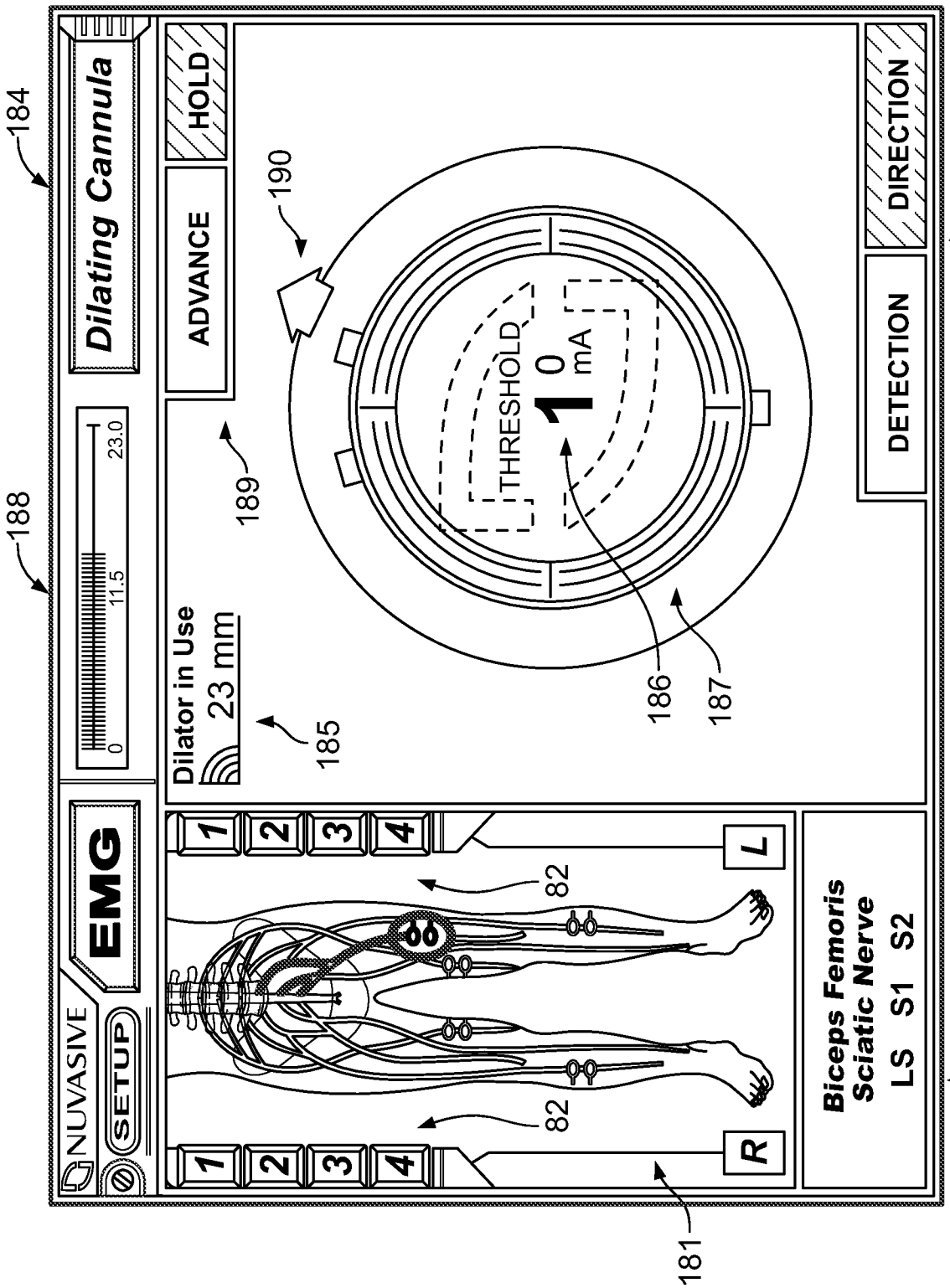
NUVASIVE
EMG
SETUP
Dilating Cannula
0
11.5
23.0
ADVANCE
HOLD
Dilator in Use
23 mm
THRESHOLD
10
mA
DETECTION
DIRECTION
1
2
3
4
L
R
Biceps Femoris
Sciatic Nerve
LS S1 S2
82
82
181
183
184
185
186
187
188
189
190
180

FIG. 19